ABSTRACT OF THE DISCLOSURE

A system having a server having processing circuitry and an operation manager configured to compare source geometric data of each of a plurality of features in a source geometric model with target geometric data of respective features in a target geometric model, and operative to identify discrepancies in respective features therebetween. The server is configured to rectify discrepancies in a feature after generating the feature and prior to generating another feature among the plurality of features. The system further includes a communication link, at least one client communicating with the server over the communication link, and an interrupt interface provided by one of the at least one client and the server and operative to notify a user of the presence of an inability to automatically generate an accurate representation of a feature of the source geometric model in the target geometric model.